

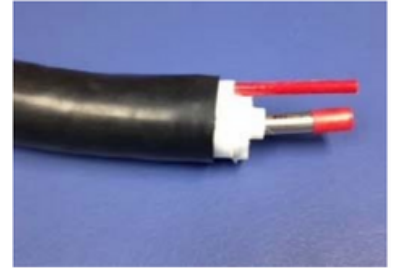
ELECTRIC TRACED SR PRODUCT CATALOG



ITEM NUMBER: HTS-1T-MXR10-230309




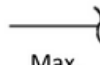

CONSTRUCTION

1. (1) 1/2" O.D. x .049" Wall Type 316/316L ASTM A269 Seamless Stainless Steel Process Tube (Heated)
2. 10 Watts/Ft 120 VAC High Temperature Self Regulating Heater (Customer supplied 2310-11T00)
3. Aluminum Mylar Thermal Barrier
4. Non-Hygroscopic Inorganic Fibrous Glass Thermal Insulation
5. 105°C FR-DSJM (Flame Retardant Ultra Flexible PCV) Jacket



*** MTR 700°F ***

Line marking text: HTS-1T-MXR10-11T-230309

MECHANICAL SPECIFICATIONS										
	Nominal OD		Min. Bending Radius		Working Pressure ¹		Max. Continuous Length		Weight	
	Inches	Millimeter	Inches	Centimeter	PSI	Barg	Foot	Meter	Lbs/FT	Kgs/Me
	1.6	40.6	11	27.9	3296	227	900	274	0.71	1.06

¹ Working Pressure based on the MTR of this item in relation to the tables ASME B31.1-2001 and ASME B31.3-2001.

DESCRIPTION

HTS Self-Regulating Electric Traced Tubing is a thermally insulated fluid transport line for use in applications requiring freeze protection or condensation prevention. The energy-efficient design provides a temperature maintenance of up to 250°F (121°C). Available in 120/240 VAC. The Self-Regulating heating element is approved by FM, CSA & ATEX.



**For representation only

Features:

- Compact Design
- Low heat loss
- Low-maintenance
- Employee protection
- Easy to install
- Light, durable, easy to handle
- Consistent thermal characteristics

Application:

- Process Analyzers
- Stack Gas sampling
- Gas transport lines
- Liquid transport lines
- Analyzer and instrument lines
- Small diameter process lines
- Impulse lines — D/P cells

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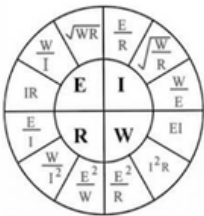
TEMPERATURE SPECIFICATIONS			Design Temp. Maintenance		Low Ambient Temp.
	Max Temp. Rating ¹ : °F °C 700 371	Minimum Install. Temp ² : °F °C -31 -35	°F °C 40 4	°F °C -40 -40	

¹ Maximum Temperature Rating indicates the maximum temperature that the core of the bundle can withstand at the high ambient temperature of 80°F(26°C). Temperatures in excess of this rating may result in deterioration of the components. It does not represent maintenance temperature or rating of components distant from the core.

² Minimum Installation Temperature relates to the brittleness of this item's jacket material, during installation.

	Low	High
PVC	-25°F/-31°C	221°F/105°C
DSJM	-31°F/-35°C	221°F/105°C
TPU	-45°F/-43°C	212°F/100°C
TPE	-50°F/-45°C	257°F/125°C
PE	-76°F/-60°C	158°F/70°C

ELECTRICAL SPECIFICATIONS				
	Voltage	Wattage Per Foot Meter	Max Circuit Length Foot Meter	Breaker Amps
	120	10 33	0 0	30.00



General Info

Power Adjustment Factors
 L = Length (Actual E²/Heater E²)*Heater W = Actual W
 W = Watts e.g. (220V²/240V²)*18w/ft=15w/ft
 I = Amps Total Wattage
 E = Volts L*W= Total Wattage
 e.g. 100ft*18w/ft=1800 total wattage